

=> fil reg

FILE 'REGISTRY' ENTERED AT 10:47:34 ON 27 JUL 2006
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STRUCTURE FILE UPDATES: 25 JUL 2006 HIGHEST RN 896142-63-5
DICTIONARY FILE UPDATES: 25 JUL 2006 HIGHEST RN 896142-63-5

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d que 11

L1 908 SEA FILE=REGISTRY ABB=ON PLU=ON SYDMS|SSSGTTY|EGAGVSMT|RCAYD
|QSVSSY|QQGYSISDIDNA/SQSP

→ Shorter sequences 26, 28, 33, 37, 41, 45

=> d que 12

L2 52 SEA FILE=REGISTRY ABB=ON PLU=ON DMRAPTQLLG.SVVQSFSRK|KGVQCQSV
EESGGRL.*VEWEKNGKAEDNY|PEVKVACSEDVDLPC.*PDGQRNLSGKV/SQSP

→ longer sequences 62, 64, 97

=> fil caplus

FILE 'CAPLUS' ENTERED AT 10:47:46 ON 27 JUL 2006
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FILE COVERS 1907 - 27 Jul 2006 VOL 145 ISS 5
FILE LAST UPDATED: 26 Jul 2006 (20060726/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

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(FILE 'REGISTRY' ENTERED AT 10:26:28 ON 27 JUL 2006)

DEL HIS Y
ACT BELY/A

L1 908 SEA ABB=ON PLU=ON SYDMS|SSSGTTY|EGAGVSMT|RCAYD|QSVSSY|QQGYSI
 SDIDNA/SQSP

L2 52 SEA ABB=ON PLU=ON DMRAPTQLLG.SVVQSFSRK|KGVQCQSVEESGGRL.*VEWEK
 NGKAEDNY|PEVKVACSEDVDLPC.*PDGQRNLGKV/SQSP
 SAVE L2 TEMP BELY2/A

FILE 'CAPLUS' ENTERED AT 10:33:02 ON 27 JUL 2006

L3 372 SEA ABB=ON PLU=ON L1
L4 28 SEA ABB=ON PLU=ON L2
L5 249093 SEA ABB=ON PLU=ON ANTIBOD?/OBI
L6 201 SEA ABB=ON PLU=ON L3 AND L5
L7 16 SEA ABB=ON PLU=ON L4 AND L5
L8 1153 SEA ABB=ON PLU=ON (CD83 OR CD 83)/BI
L9 3 SEA ABB=ON PLU=ON L3 AND L8
L10 17 SEA ABB=ON PLU=ON L4 AND L8

<http://www.cas.org/infopolicy.html>

'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> d que l11

L1 908 SEA FILE=REGISTRY ABB=ON PLU=ON SYDMS|SSSGTTTY|EGAGVSMT|RCAYD
|QSVSSY|QQGYSISDIDNA/SQSP
L2 52 SEA FILE=REGISTRY ABB=ON PLU=ON DMRAPTQLLG.SVVQSFSRK|KGVQCQSV
EESGGRL.*VEWEKNGKAEDNY|PEVKVACSEDVDLPC.*PDGQRNLSGKV/SQSP
L3 372 SEA FILE=CAPLUS ABB=ON PLU=ON L1
L4 28 SEA FILE=CAPLUS ABB=ON PLU=ON L2
L8 1153 SEA FILE=CAPLUS ABB=ON PLU=ON (CD83 OR CD 83)/BI
L9 3 SEA FILE=CAPLUS ABB=ON PLU=ON L3 AND L8
L10 17 SEA FILE=CAPLUS ABB=ON PLU=ON L4 AND L8
L11 18 SEA FILE=CAPLUS ABB=ON PLU=ON L9 OR L10

all sequences with

=> d .ca hitstr l11 1-18

CD 83

L11 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:1130780 CAPLUS

DOCUMENT NUMBER: 143:400858

TITLE: Involvement of CD83 and CD137 in the induction of anti-tumor immunity

INVENTOR(S): Hellstrom, Karl Erik; Hellstrom, Ingegerd; Yang, Yi

PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

*too many sequence
hits to print. If
you + like to see
any of the
sequences,
please let
me know and
I'll print
them for
you*

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005097997	A1	20051020	WO 2005-US10195	20050325
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

US 2004-556633P P 20040326

ED Entered STN: 21 Oct 2005

AB Compns. and methods are provided for inducing anti-tumor immunity. More specifically, tumor cells and recombinant constructs are provided that express a cell surface CD83 polypeptide and/or a cell surface expressed antibody that specifically binds to an immune cell receptor, particularly an antibody that specifically binds to CD137. The invention also provides recombinant expression constructs comprising polynucleotides that encode a cell surface CD83 polypeptide, a cell surface expressed anti-immune cell receptor antibody, and/or at least one tumor antigen, and the related expressed products.

IC ICM C12N015-12

ICS C12N015-13; C07K014-705; C07K016-28

CC 3-6 (Biochemical Genetics)
 Section cross-reference(s): 15, 63

ST **CD83** tumor vaccine CD137 scFv human sequence

IT Antigens
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
 (CD137; involvement of **CD83** and CD137 in the induction of anti-tumor immunity)

IT CD antigens
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (**CD83**; involvement of **CD83** and CD137 in the induction of anti-tumor immunity)

IT Animal cell line
 Antitumor agents
 CD4-positive T cell
 CD8-positive T cell
 Carcinoma
 Cell proliferation
 DNA sequences
 Drug delivery systems
 Drugs
 Human
 Immunity
 Immunosuppression
 Leukemia
 Lymphocyte
 Lymphoma
 Melanoma
 Mus musculus
 Plasmid vectors
 Protein sequences
 Sarcoma
 Spleen
 Transformation, genetic
 Transplant and Transplantation
 Vaccines
 cDNA sequences
 (involvement of **CD83** and CD137 in the induction of anti-tumor immunity)

IT Gene, animal
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (involvement of **CD83** and CD137 in the induction of anti-tumor immunity)

IT Antibodies and Immunoglobulins
 CTLA-4 (antigen)
 Fas ligand
 Promoter (genetic element)
 Tumor necrosis factor receptors
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
 (involvement of **CD83** and CD137 in the induction of anti-tumor immunity)

IT Lymphocyte
 (natural killer cell; involvement of **CD83** and CD137 in the induction of anti-tumor immunity)

IT Antibodies and Immunoglobulins
 RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
 (single chain; involvement of **CD83** and CD137 in the induction of anti-tumor immunity)